



Atty Dkt No. 5100-0705

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 3

In the Application of PHILLIPS et al.

Serial No.: 09/945,379

Art Unit: 1645

Filed: August 31, 2001

Examiner: Unassigned

Title: METHODS AND COMPOSITIONS FOR POLYNUCLEOTIDE ANALYSIS USING GENERIC MOLECULAR BEACONS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
<i>RA</i>	AA-1	5,262,357	November 16, 1993	Alivisatos et al.			
	AB-1	5,505,928	April 9, 1996	Alivisatos et al.			
	AC-1	5,690,807	November 25, 1997	Clark, Jr. et al.			
	AD-1	5,866,336	February 2, 1999	Nazarenko et al.			
	AE-1	5,989,823	November 23, 1999	Jayasena et al.			
	AF-1	5,990,479	November 23, 1999	Weiss et al.			
	AG-1	6,048,616	April 11, 2000	Gallagher et al.			
	AH-1	6,207,229	March 27, 2001	Bawendi et al.			
	AI-1	6,207,392	March 27, 2001	Weiss et al.			
	AJ-1	6,251,303	June 26, 2001	Bawendi et al.			
<i>RA</i>	AK-1	6,380,377	April 30, 2002	Dattagupta et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
<i>RA</i>	AI-1	WO 99/11813	March 11, 1999	PCT			
<i>RA</i>	AJ-1	WO 99/26299	May 27, 1999	PCT			

Examiner: HORLICKDate Considered: 3/27/03

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Sheet 2 of 3

TECH CENTER 1600/2900

In the Application of PHILLIPS et al.

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Title: METHODS AND COMPOSITIONS FOR POLYNUCLEOTIDE ANALYSIS USING GENERIC MOLECULAR BEACONS

	AK-1	WO 00/17103	March 30, 2000	PCT			
	AL-1	WO 00/17655	March 30, 2000	PCT			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
	AM-1	Bruchez Jr. et al., "Semiconductor Nanocrystals as Fluorescent Biological Labels", <i>Science</i> <u>281</u> :2013-2016 (1998)
	AN-1	Chan et al., "Quantum Dot Bioconjugates for Ultrasensitive Nonisotopic Detection", <i>Science</i> <u>281</u> :2016-2018 (1998)
	AO-1	Colvin et al., "Semiconductor Nanocrystals Covalently Bound to Metal Surfaces with Self-Assembled Monolayers," <i>J. Am. Chem. Soc.</i> <u>114</u> :5221-5230 (1992)
	AP-1	Dabbousi et al., "(CdSe)ZnS Core-Shell Quantum Dots: Synthesis and Characterization of a Size Series of Highly Luminescent Nanocrystallites", <i>J. Phys. Chem.</i> <u>101</u> (46):9463-9475 (1997)
	AQ-1	Danek et al., "Synthesis of Luminescent Thin-Film CdSe/ZnSe Quantum Dot Composites Using CdSe Quantum Dots Passivated with an Overlayer of ZnSe," <i>Chem. Mat.</i> <u>8</u> (1):173-180 (1996)
	AR-1	Guzelian et al., "Synthesis of Size-Selected, Surface-Passivated InP Nanocrystals," <i>J. Phys. Chem.</i> <u>100</u> :7212-7219 (1996)
	AS-1	Han et al., "Quantum-Dot-Tagged Microbeads for Multiplexed Optical Coding of Biomolecules," <i>Nature Biotech.</i> <u>19</u> :631-635 (2001)

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Title: METHODS AND COMPOSITIONS FOR POLYNUCLEOTIDE ANALYSIS USING GENERIC MOLECULAR BEACONS

Exam. Init.	Ref. Desig.	Description
9204	AT-1	Hines et al., "Synthesis and Characterization of Strongly Luminescing ZnS-Capped CdSe Nanocrystals," <i>J. Phys. Chem.</i> <u>100</u> :468-471 (1996)
	AU-1	Katari et al., "X-ray Photoelectron Spectroscopy of CdSe Nanocrystals with Applications to Studies of the Nanocrystal Surface," <i>J. Phys. Chem.</i> <u>98</u> :4109-4117 (1994)
	AV-1	Kuno et al., "The Band Edge Luminescence of Surface Modified CdSe Nanocrystallites: Probing the Luminescing State," <i>J. Chem. Phys.</i> <u>106</u> :9869 (1977)
	AW-1	Murray et al., "Synthesis and Characterization of Nearly Monodisperse CdE (E = S, Se, Te) Semiconductor Nanocrystallites," <i>J. Amer. Chem. Soc.</i> <u>115</u> :8706-8715 (1993)
	AX-1	Peng et al., "Epitaxial Growth of Highly Luminescent CdSe/CdS Core/Shell Nanocrystals with Photostability and Electronic Accessibility," <i>J. Am. Chem. Soc.</i> <u>119</u> :7019-7029 (1997)
	AY-1	Peng et al., "Formation of High-Quality CdTe, CdSe, and CdS Nanocrystals Using CdO as Precursor," <i>J. Am. Chem. Soc.</i> <u>123</u> :183-184 (2001)
	AZ-1	Qu et al., "Alternative Routes Toward High Quality CdSe Nanocrystals," <i>Nano Lett.</i> <u>1</u> :333-337 (2001)
	BA-1	Ridley et al., "All-Inorganic Field Effect Transistors Fabricated by Printing," <i>Science</i> <u>286</u> :746-749 (1999)
	BB-1	Steigerwald et al., "Surface Derivatization and Isolation of Semiconductor Cluster Molecules," <i>J. Am. Chem. Soc.</i> <u>110</u> :3046 (1987)
9204	BC-1	Tyagi et al., "Molecular Beacons: Probes that Fluoresce Upon Hybridization," <i>Nature Biotech.</i> <u>14</u> :303-308 (1996)

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